

STANDARDS FOR COMPUTER/COMPUTER SOFTWARE

Software

It is recommended that all sub-contractors use IRis 3.0 Information & Referral software for collecting and storing resource database records and caller/contact information.

Source of the following "Minimum Computer Requirements of IRis 3.0:

<http://www.suncoastprograms.com/product311.htm> (Also refer to this site for IRis 3.0 updates)

MINIMUM COMPUTER REQUIREMENTS FOR THE INSTALLATION OF IRIS 3.0

Workstation

Client side:

- >> 300MHz Pentium II or Equivalent (AMD K6-2/Celeron) - 500MHz or better recommended.
- >> 32M-memory minimum, 64-128 recommended depending on advanced features used.
- >> A minimum of hard drive space is required, as all data files are server-located. Windows should have at least 100M of space for temporary files and swap file used, so if this requirement is met, IRis will be fine.
- >> Operating System: Windows 98/98 SE/ME/NT 4.0+/2000/XP. IRis 3.0 will run on Windows 95 if system also has Internet Explorer 5.0+ installed.
- >> Mouse, monitor and keyboard.
- >> Soundcard and speakers are required for IRis Text-to-Speech (TTS) features. If TTS is enabled, more memory will be required.
- >> Internet connection and web browser (Internet Explorer, Netscape Navigator, Opera, etc.) and E-Mail Client (Outlook, Outlook Express, etc.) required for certain advanced features.

Server Side

If IRis 3.0 server installation will also be used as a workstation, it will need to meet all of the client requirements as well as having a recommended amount of hard drive space. (See '[Storage Requirements](#)' below.)

Other Options

If you are using a file server with an OS other than Microsoft Windows for an IRis server installation, you will not be able to use that server as an IRis workstation. To install to a non-Windows based server, simply copy the file images from the provided CD to the file server.

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IRis 2.3 requires a minimum of 45 mgs; IRis 3.0 will require a little more. If you're tracking clients, resources referrals, contacts, services, volunteers -- basically everything -- you'll need a minimum of 500 Megs -- it depends on how much you're tracking and therefore the size of your database. Basically, the bigger your database, the more hard drive space you should have -- and as always, the "bigger is better" rule applies.

However, you will also have archiving abilities, or you can always clean out and remove old data you do not need anymore if you don't want to upgrade your hard drive space.

Storage Requirements

IRis requires 45 megabytes free hard disk space to install. After installation it will occupy about 30 megabytes. As you add contact/caller records and agency/service program information you will need more space. Use the following formula to calculate the minimum disk space you should have.

These are approximations:

- 30 Megabytes for basic installation
- 3 megabytes hard disk space for every 1,000 service programs added.
- 1.5 megabyte for every 1,000 contact (call) records entered.
- Additional megabytes for large reports and lists sent to disk files.

Example:

If your agency maintained 2,000 service programs and received 50,000 calls per year you would use approximately this much hard disk space:

2,000 programs	6 megabytes
50,000 calls	75 megabytes
Original installation	30 megabytes
Reports, lists, temporary files	10 megabytes
	121 megabytes MINIMUM for one year's records

If you imported agency/service program information from another IRis site you could easily add an additional 10 to 15 megabytes of hard disk usage. You should estimate how may caller records you will take in a year, multiply that by the number of years of caller's history you would like to keep. Most sites want at least a year or two of caller records.

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IRis can handle approximately 2 million caller records in one database. For I&Rs that receive 100,000 calls a year that would be 20 years of history. If you need to go above that you should "archive" off the older records into a separate sub-directory.

IRis comes in both Single-User and Multi-User versions. Other than the number of concurrent Users, the features in both versions are the same. Multi-User IRis allows an unlimited number of concurrent users. In reality you will find that this is limited only by the overall speed of the file server (main computer) and it's ability to service the workstations. The limits of IRis are the limits imposed by the language itself.

System Capacities:

IRis 3.0 is written using the latest of the development environment available at design time. The majority of the program was written in Microsoft Visual FoxPro 7.0. Other components were written using components of Microsoft Visual Studio 6.0.

The physical file limits of IRis are as follows:

- Maximum number of caller records: 1 Billion records
- Maximum number of any single type of record: 1 Billion records
- Maximum file size of any single database: 2 Gigabytes (approximately 2 billion characters)

Please note that to reach the 2-gigabyte file size limit on a single database you would need to have entered several million contact/caller records. Since any referrals, indexes and such are stored as separate files you would fill a hard disk of approximately 3 to 4 gigabytes. At this point you would probably want to archive or remove some of the older records.